

Reserve  
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UNITED STATES DEPARTMENT OF AGRICULTURE  
Rural Electrification Administration  
Washington 25, D. C.

TECHNICAL STANDARDS COMMITTEES  
Month of November 1949

The following is a summary of the changes in the "List of Materials Acceptable For Use on REA-Financed Systems" resulting from decisions of the Technical Standards Committees during the month of November 1949:

1. Page a-1 - Insulator, pin type

Add Knox number 261 under the heading "Star 7.2/12.5".

Delete Illinois Electric Porcelain number 3066 under the heading "66 kv."

2. Page l-1 - Clamp, deadend

Add Acme number 2050 under the heading "Overhead Ground Wire - 3/8" High Strength Steel."

Delete R. Thomas & Sons Company number 2202.

3. Page m - Clamp, suspension

Add Victor number 6240 under the heading "Overhead Ground Wire - 3/8" High Strength Steel."

4. Page p - Connectors

Change catalog numbers for Anderson Brass Works, Inc., and Reliable Electric Company as follows:

Page p-2a Connectors, ACSR to ACSR

<u>Bare Conductors</u>						<u>Manufacturer</u>
4/0	3/0	2/0	1/0	2	4	
LC-53A	LC-53A	LC-53A	LC-52A	LC-52A	LC-51A	Anderson Brass
-	-	744AL	438AL	438AL	438AL	Reliable

Over Armor Rods

3/0	2/0	1/0	2	4	
LC-84	LC-82	LC-82	LC-81	LC-81	Anderson Brass
-	-	744AL	600AL	600AL	Reliable

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Connectors, ACSR to No. 4A Copperweld Copper

<u>Bare Conductors</u>						<u>Manufacturer</u>
4/0	3/0	2/0	1/0	2	4	
600ALC	600ALC	555ALC	438ALC	438ALC	438ALC	Reliable
<u>Over Armor Rods</u>						
3/0	2/0	1/0	2	4		
-	-	744ALC	600ALC	600ALC		Reliable

Page p-2c

Connectors, ACSR to 4 & 6 Copper, or 6A, 8A, 9½D, 3#12 CWC

<u>Bare Conductors</u>						<u>Manufacturer</u>
4/0	3/0	2/0	1/0	2	4	
600ALC	600ALC	555ALC	438ALC	438ALC	438ALC	Reliable
<u>Over Armor Rods</u>						
3/0	2/0	1/0	2	4		
-	-	744ALC	600ALC	555ALC		Reliable

Page p-3d

Connectors

Steel	4	6	8	
Ameructor	4	6	8	8X,9X,10,12
<u>Reliable</u>				
To ACSR** 1/0	744AL	744AL	744AL	744AL
2	744AL	600AL	600AL	600AL
4	555AL	555AL	555AL	555AL
To Guy Strand 1/4" to 7/16"	438AL	438AL	438AL	438AL

5. Page z-3 - Anchors, expanding

Add Texas Foundries number 6X9158 to replace number 69158 as a 6000-pound expanding anchor.

6. Page ae-2 - Lightning Arresters - Line Type

Change Rural Transformer catalog numbers to read as follows:

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<u>KV Class</u>	2.3 Delta	7.2 Delta	7.2/12.5 Wye	15 Delta
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<u>Manufacturer</u>	<u>Catalog Number</u>			
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Rural Transformer	ES84203	ES84208	ES84208	ES50934-L
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Add Line Material catalog numbers as follows:

<u>KV Class</u>	23	34.5	46	69
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<u>Manufacturer</u>	<u>Catalog Number</u>			
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Line Material	C-305517-2	C-305517-4	C-355517-6	C305517-8
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7. Page af-4 - Cutout, fuse, single-shot - Substation

Add catalog numbers to read as follows:

<u>KV Class</u>	15	23	34.5	46	69
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<u>Manufacturer</u>	<u>Type</u>	<u>Catalog Number</u>			
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Kearney	Fiber tube, drop-out	6445	5759	5764	10230	10234
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Southern States	MH-2 drop-out	Order by description and rating.				
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8. Page al - Staples, ground wire

Add Rural Transformer number 55D under the heading "9 Ga. x  $1\frac{1}{2}$ " long x  $3/16$ " spread."

9. Page an-1 - Transformers, distribution, 7.2/12.5 kv

Add Allis-Chalmers and Pennsylvania Transformer Company numbers as follows:

<u>KVA Capacity</u>	$1\frac{1}{2}$	3	5	$7\frac{1}{2}$	10	15
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<u>Manufacturer</u>	<u>Type</u>	<u>Catalog Number</u>			
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Allis-Chalmers	RU with LA & bushing mtd. open-type cutout	Order by description and rating.			
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Pennsylvania	RL	-	-	R25	-	-
	RLS	-	-	R25S	-	-
	CSP	-	-	R25CS	-	-

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10. Page ap - Clamps, hot line

Change numbers for Reliable Electric Company to read as follows:

Page ap-1

<u>Copper Conductor</u>	00x7	00	0x7	0	2x3	2	4	6
Gauge								
Diameter, inches	0.414	0.365	0.368	0.325	0.320	0.258	0.204	0.162

<u>Manufacturer</u>	<u>Catalog Number</u>							
Reliable	408C	408C	408C	408C	408C	408C	408C	408C

Page ap-3

<u>Cwld.-Copper Conductor:</u>	30%EHS							40% HS
Gauge	3#6	4A	6A	8A	8C	9½D	3#12	
Diameter, inches	0.349	0.290	0.230	0.199	0.179	0.174	0.174	0.174

<u>Manufacturer:</u>	<u>Catalog Number</u>							
Reliable	408C	408C	408C	408C	408C	408C	408C	408C

11. Page at - Guy Guards

Add Binkley numbers as follows:

<u>Manufacturer</u>	<u>Full Round, 18 ga. min.</u>	<u>Half Round, 14 ga. min.</u>
Binkley	1337-1	1196-1

12. Page bn - Clamps, loop deadend

Change Anderson numbers to read as follows:

ACSR Conductor

Gauge	3/0	2/0	1/0	2	4
Diam. Bare (inches)	0.502	0.447	0.398	0.325	0.257

<u>Manufacturer</u>	<u>Catalog Number</u>				
Anderson	LC-74-4	LC-73-3	LC-72-A	LC-71	LC-70

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13. Page em - Braces, crossarm, special (angle alley arm)

Add Kortick numbers as follows:

<u>Manufacturer</u>	(2'-6" span x 1'-8" drop) 1-3/4 x 3/16	(3'-6" span x 2'-3" drop) 1-3/4 x 3/16
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Kortick	K-1975	K-1976
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Add Hubbard number 27939 and Oliver number 5268 as follows:

<u>Manufacturer</u>	(15" span x 14" drop) 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 3/16" angle
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Hubbard	27939
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Oliver	5268
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14. Page en - Plate, double support

Add Locke number 0357.

